

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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APPLICANT : HITACHI LTD;

INVENTOR : ABE MINORU;

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TITLE : MACHINE-SIDE PIPE-HOUSING-BLOCK FOR ROLLING MILL

ABSTRACT : PURPOSE: Machine-side pipe-housing as an independent block separated from rolling mill body contributes to an aesthetics, massproduction of uniform housing blocks, and reduced rolling mill assembly time.

CONSTITUTION: Separately from the rolling mill body 1, a housing block (manifold) is installed and connected by flexible hose 5 to the cylinder 2 and the hydraulic motor 3 incorporated in the mill body 1. Working fluid is transmitted through the housing block 4 and flexible hose 5 to drive the cylinder 2 and the hydraulic motor 3. The housing block 4 may be, as desired, divided into several blocks and tightened to be connected by clamping bolts. Thus, the mechanism contributes to an aesthetic appearance of the mill body 1, massproduction in specialized plant, reduced work number of assembly, uniform product quality, etc.

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